Determination of Public Land (Rangeland) Health for 64057 C G LONGELY

The Record of Decision (ROD) for the New Mexico Standards for Public Land Health and Guidelines for Livestock Grazing Management (dated January 2001) adopted three Standards for Public Land Health. These are (1) Upland Sites Standard, (2) Biotic Communities, Including Native, Threatened, Endangered, and Special Status Species Standard and (3) Riparian Sites Standard.

The ROD also established a process for the BLM Field Offices for the implementation. Through a public participation process, the Roswell Field Office developed and adopted indicators to use in conjunction with existing monitoring data to assess these Standards.

Field assessment worksheets and other available data which evaluate the local indicators, were completed for this allotment. Based on the assessments, it is my determination that the Public Lands within the C G Longely Allotment #64057 meet the Upland Sites Standard and (2) Biotic Communities, Including Native, Threatened, Endangered, and Special Status Species Standard. There are no Public Land riparian areas on this allotment, therefore this Standard will not addressed.

/s/ T. R. KREAGER	10/17/2003
Assistant Field Manager	Date

Standards of Public Land Health
Evaluation of 64057 C G LONGELY Allotment
[08/13/2003]

The Roswell Field Office conducted rangeland health assessments at three study sites within the C G LONGELY Allotment #64057. The assessments looked at the Soil/Site Stability, Hydrologic Function and Biotic Integrity indicators within the vicinity of each study site. Existing monitoring data was incorporated into and in support of the field assessment. The summary of each assessment is attached and shown in the following table.

Study Area or Assessment Area	UPLAND			BIOTIC			RIPARIAN		
	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet
64057-#1-F052	X			X			N/A		
64057-#2-F053	X			X			N/A		
64057-#3-F050	X			X			N/A		

Twenty-two (22) indicators for Rangeland Health were evaluated for the C G Longely allotment; 10 of these assessed met Ranch; 10 of these assessed soil/site stability, 11 assessed hydrologic functions and 13 assessed biotic integrity. These qualitative assessments along with quantitative information from long-term monitoring studies on 3 study areas, were utilized to assess the rangeland health of the public land within the allotment. These quantitative evaluations were performed by the Roswell Field office staff starting in the early 1980's. These included ground and vegetative cover and composition, production, frequency, and ecological condition as calculated from these collections which have been scheduled approximately every 5 years.

The #3 pasture has rated moderate for bareground. The #1 pasture has experienced drought, water erosion, and wind erosion conditions that has possibly increased the amount of bare ground. Sand and gravel, clay and silt that are located on the surface are Quaternary terrace gravel deposits. Rock outcrops of gypsum and dolomite that occurr in the area are from the Seven Rivers Formation. Allotment 64057 lies northeast of Roswell, between the "Old Clovis Highway" and Bitter Lakes National Wildlife Refuge. The allotment contains 5 pastures, with intermingled land status. The SD-3 Salty Bottomland Range Site is consistent across the allotment, and in most areas is sub irrigated to some extent. Both Sites 1 & 2 were more influenced by the sub-irrigation, but had very little over surface flow or overflow movement of water.

This allotment is currently "Closed to Grazing" per a Decision in the Roswell Resource Management Plan. Due to scattered tracts of private lands located within the allotment which are being developed for home sites, continuity of the allotment would make it very

difficult to manage for grazing stock. Grazing has not been authorized on the allotment since November, 1996. Exterior fences have not been well maintained over time and most of them are in serious decay. Also due to the proximity to Roswell, there is an apparent use by OHV's and illegal dumping is occurring. Both Sites 1 & 2 were more influenced by the sub-irrigation, but had very little over surface flow or overflow movement of water.

Site #1 is located between the railroad and the old Clovis highway, has good ground cover, and probably due to some sub irrigation vegetative production has been good. All indicators rated here as Slight to None, or Slight to Moderate with the exception of Annual production. Annual production as compared to the ESD was lower than expected, probably due to recent drought conditions. However, annual production currently appeared higher than the last monitoring studies would indicate.

Site #2 is now being influenced by the construction of fencing around a new home. Production and cover is good. All indicators again were either Slight to None or Slight to Moderate. The shrub component on Functional/Structural was low, but was still within the site description.

Site #3 is still under the influence of an historical prairie dog town, now abandoned. Invasive plants such as russian thisle and salt cedar predominate at the study location. Again, due to the prairie dogs, there is a high amount of bare ground and a low amount of healthy shrubs are present, while grass species are very limited, both in number and in production. Annual production has consistently been well below the Ecological Site Description levels throughout the entire time from of studies. The amount of Bare ground seems high, but is still within the parameters of the Range Site description.

It is the professional opinion of the assessment team that the allotment meets the Upland and Biotic Standards for Rangeland Health.

Recommendations: It is the recommendation of the interdisciplinary staff that if grazing is to occur on the allotment, that the fences must be re-establlished, and if possible the public lands be exchanged so as to better block them for ease of management of the resources. This recommendation may also hold forth even if grazing is not authorized, and the allotment is set aside for other resource use alone. Some problems that will have to be dealt with on this allotment and the allotment (64056) to the north are illegal dumping and OHV use.

RFOs Upland and Biotic Standard Assessment Summary Worksheet			
SITE 64057-#1-F052			
Legal Land Desc	SENW 31 0090S 0250E Meridian 23	Acreage	0
Ecosite	042CY033NM SALTY BOTTOMLAND S	Photo Taken	Y
Watershed	13060007010 GOPHER		
Observers	R. FRENCH, H. MILLER	Observation Date	08/28/2003
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	HhA	Soil Taxon Name	HOLLOMEX
Texture Class	NM644 L	Soil Phase	HOLLOMEX
Texture Modifier	NM644 LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	11.39	NOAA Growing Season Precipitation	7.05
NOAA Avg Annual Precipitation	12.17	NOAA Avg Growing Season Precipitation	9.81
Disturbances and Animal Use:			

Part 2. Attributes and Indicators

		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns					X
Comments:						
S H	Pedestals and/or Terracettes					X
Comments:						
S H	Bare Ground					X
Comments:						
S H	Gullies					X

Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas					X
Comments:						
H	Litter Movement				X	
Comments:						
S H B	Soil Surface Resistance to Erosion					X
Comments:						
S H B	Soil Surface Loss or Degradation					X
Comments:						
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff					X
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups					X
Comments:						
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount					X
Comments:						
B	Annual Production			X		
Comments:	Vegetative production at time of assessment appears higher than most recent data showed.					
B	Invasive Plants				X	
Comments:	Species include yellow spine thistle, goldenrod, cholla & snakeweed					
B	Reproductive Capability of Perennial Plants					X
Comments:						
S	Physical/Chemical/Biological Crusts					X
Comments:						
B	Wildlife Habitat					X

Comments:						
B	Wildlife Populations					X
Comments:						
B	Special Status Species Habitat					X
Comments:						
B	Special Status Species Populations					X
Comments:						

Part 3. Summary

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	0	0	10
H	Hydrologic	0	0	0	1	10
B	Biotic	0	0	1	1	11

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil		0	0	10
Hydrologic		0	0	11
Biotic		0	1	12

Site Notes: This study is outside of what our records indicate as the Allotment boundary.

and may actually be inside of Allotment 64056; which is also closed to grazing. The study is actually located on private lands.

RFOs Upland and Biotic Standard Assessment Summary Worksheet			
SITE 64057-#2-F053			
Legal Land Desc	NWSE 31 0090S 0250E Meridian 23	Acreage	416
Ecosite	042CY033NM SALTY BOTTOMLAND S	Photo Taken	Y
Watershed	13060007010 GOPHER		
Observers	R. FRENCH, H. MILLER	Observation Date	08/28/2003
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	HhA	Soil Taxon Name	HOLLOMEX
Texture Class	NM644 L	Soil Phase	HOLLOMEX
Texture Modifier	NM644 LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	11.39	NOAA Growing Season Precipitation	7.05
NOAA Avg Annual Precipitation	12.17	NOAA Avg Growing Season Precipitation	9.81
Disturbances and Animal Use:	This site has not been grazed in several years. No stock is authorized.		

Part 2. Attributes and Indicators

		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns					X
Comments:						
S H	Pedestals and/or Terracettes					X
Comments:						
S H	Bare Ground					X
Comments:						

S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas					X
Comments:						
H	Litter Movement					X
Comments:						
S H B	Soil Surface Resistance to Erosion					X
Comments:						
S H B	Soil Surface Loss or Degradation					X
Comments:						
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff					X
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups					X
Comments:	very little shrub component, but within expectation of the site					
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount					X
Comments:						
B	Annual Production				X	
Comments:						
B	Invasive Plants					X
Comments:	This indicator is moving toward slight, some salt cedar are present but are older plants.					
B	Reproductive Capability of Perennial Plants					X
Comments:						
S	Physical/Chemical/Biological Crusts					X
Comments:						

B	Wildlife Habitat					X
Comments:						
B	Wildlife Populations					X
Comments:						
B	Special Status Species Habitat					X
Comments:						
B	Special Status Species Populations					X
Comments:	Plover & prairie dogs					

Part 3. Summary

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	0	0	10
H	Hydrologic	0	0	0	0	11
B	Biotic	0	0	0	1	12

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil		0	0	10
Hydrologic		0	0	11
Biotic		0	0	13

Site Notes: This study is located on private land, and the usual mapped route to the study is blocked by fences constructed around small acreage private land holdings. The study may also be outside of Allotment 64057, as shown in our records. The study may be within Allotment 64056, which is also closed to grazing.

RFOs Upland and Biotic Standard Assessment Summary Worksheet			
SITE 64057-#3-F050			
Legal Land Desc	NWNE 7 0100S 0250E Meridian 23	Acreage	584
Ecosite	042CY033NM SALTY BOTTOMLAND S	Photo Taken	N
Watershed	13060007010 GOPHER		
Observers	R. FRENCH, H. MILLER	Observation Date	08/28/2003
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	HhA	Soil Taxon Name	HOLLOMEX
Texture Class	NM644 L	Soil Phase	HOLLOMEX
Texture Modifier	NM644 LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	11.39	NOAA Growing Season Precipitation	7.05
NOAA Avg Annual Precipitation	12.17	NOAA Avg Growing Season Precipitation	9.81
Disturbances and Animal Use:	This site has not been grazed in several years. No stock are authorized. Low vegetation amounts and high amounts of bare ground present are due to historical prairie dog town activity.		

Part 2. Attributes and Indicators						
		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns					X
Comments:						
S H	Pedestals and/or Terracettes					X
Comments:	Moving toward slight, due to prairie dog town vicinity and some wind action.					

S H	Bare Ground			X		
Comments:	Re: Prairie dog town vicinity					
S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas				X	
Comments:	Re: Prairie dog town vicinity					
H	Litter Movement				X	
Comments:						
S H B	Soil Surface Resistance to Erosion				X	
Comments:						
S H B	Soil Surface Loss or Degradation				X	
Comments:						
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff				X	
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups					X
Comments:	Shrub component is almost absent, according to the site guide.					
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount				X	
Comments:						
B	Annual Production			X		
Comments:	There is a lot of production tied up in invasives and annuals. This may be because of the historical presence of prairie dogs in close vicinity of the study.					
B	Invasive Plants				X	
Comments:	This is a disturbed site and is now just coming back, A lot of russian thistle is present here.					
B	Reproductive Capability of Perennial Plants					X

Comments:						
S	Physical/Chemical/Biological Crusts			X		
Comments:						
B	Wildlife Habitat				X	
Comments:	Being fragmented by rural development.					
B	Wildlife Populations				X	
Comments:						
B	Special Status Species Habitat					X
Comments:						
B	Special Status Species Populations					X
Comments:						

Part 3. Summary

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

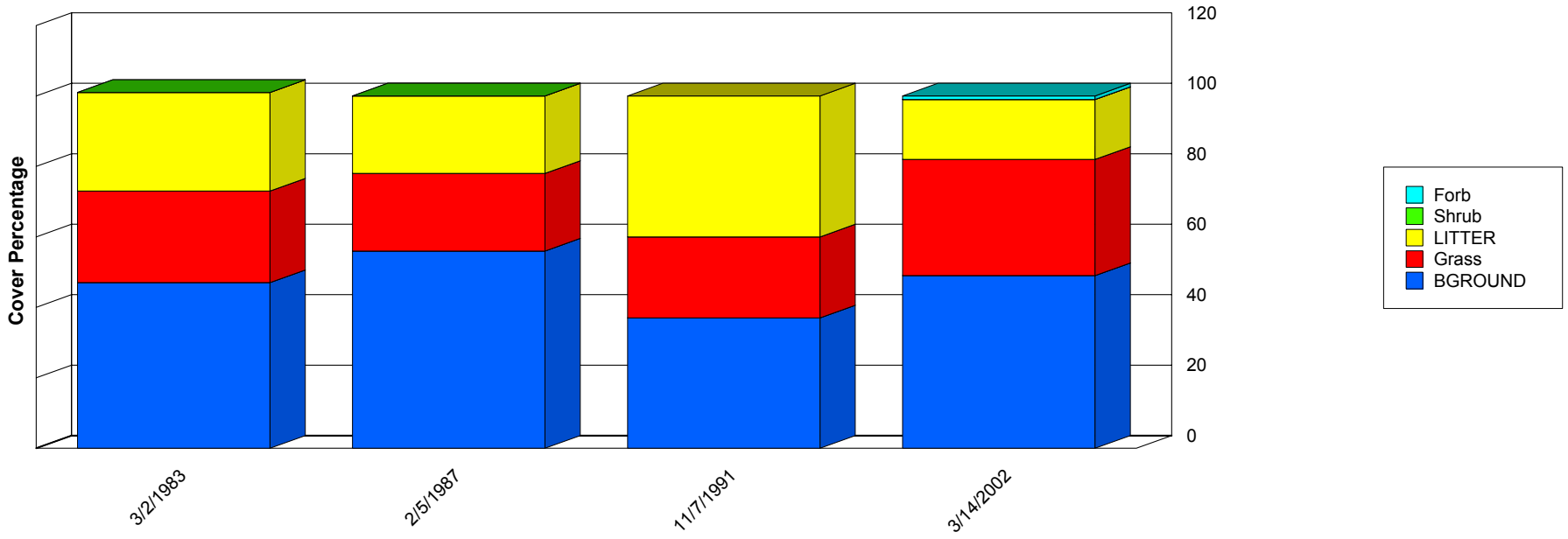
Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	2	3	5
H	Hydrologic	0	0	1	5	5
B	Biotic	0	0	1	6	6

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More	Meets

			Info	
Soil		0	2	8
Hydrologic		0	1	10
Biotic		0	1	12
Site Notes:				

Ground Cover Trends



	3/2/1983	2/5/1987	11/7/1991	3/14/2002
BGROUND	47.00	56.00	37.00	49.00
Forb	0.00	0.00	0.00	1.00
Grass	26.00	22.00	23.00	33.00
LITTER	28.00	22.00	40.00	17.00
Shrub	0.00	0.00	0.00	0.00
Total	101.00	100.00	100.00	100.00

Report Parameters

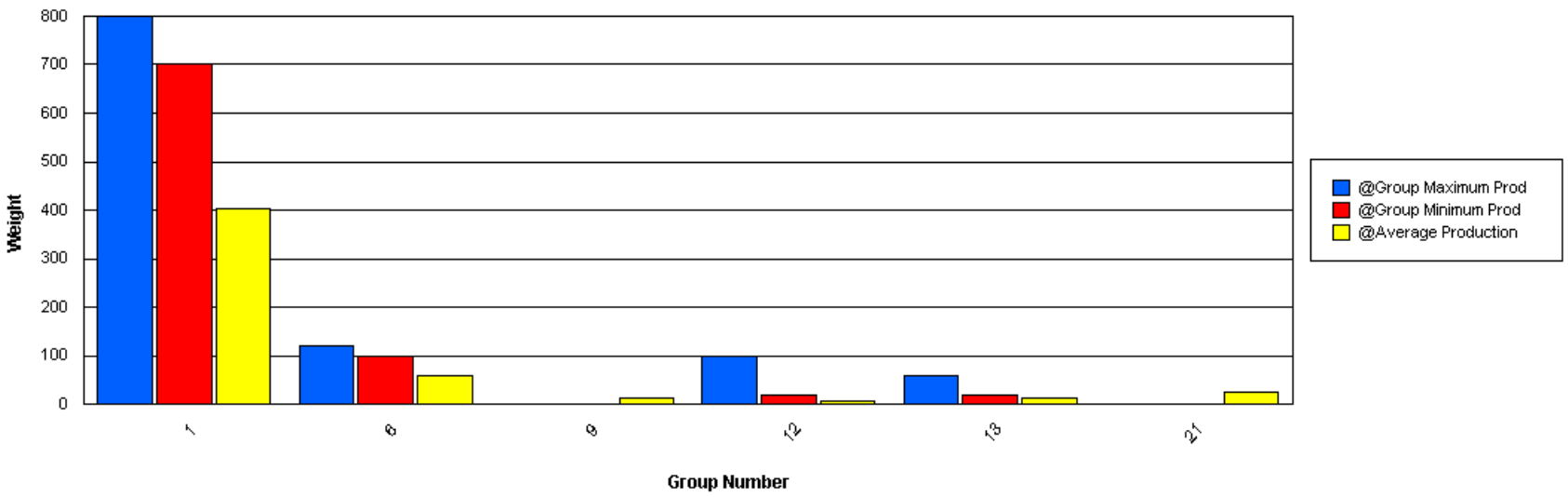
SITE NAME LIKE	64057-#1-F052
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Functional / Structural Groups

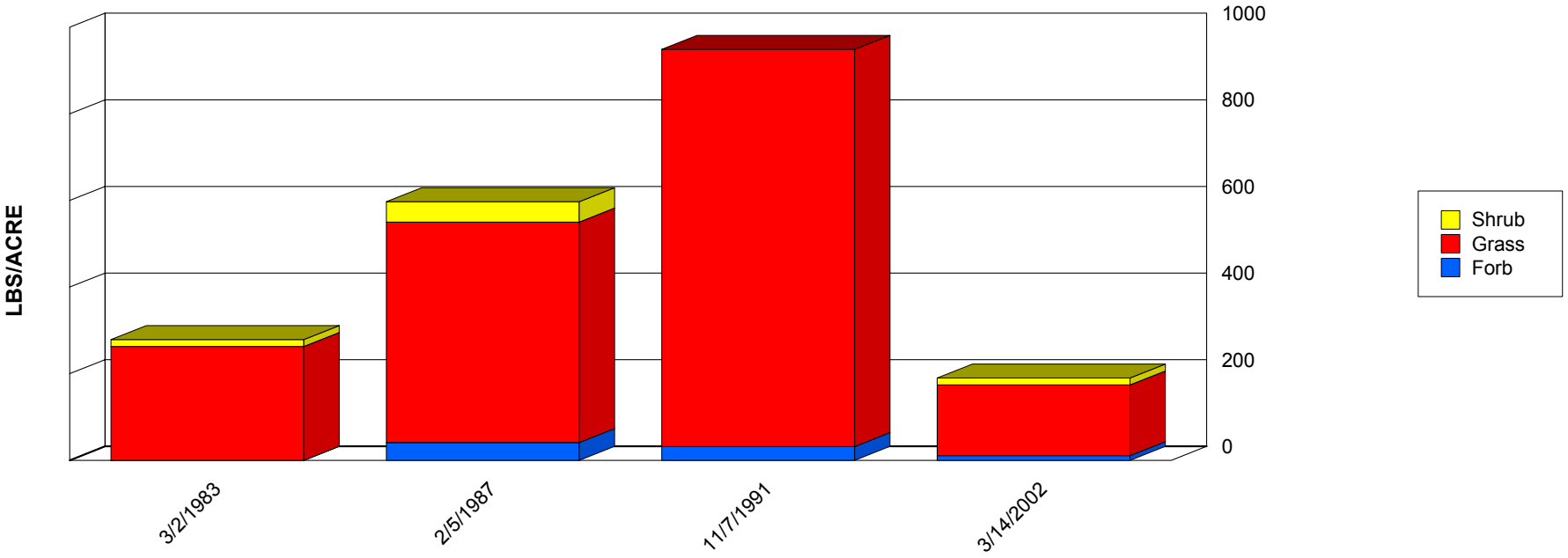
Report Parameters	
SITE NAME LIKE	64057-#1-F052
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002
MIN LBS TO GRAPH	3
SELECTED ECOSITE	042CY033NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
1	Grass	SPAI	700	800	94.00	853.00	404.00	282.98
5	Grass	DISP	300	400	0.00	1.00	0.50	0.50
6	Grass	ARIST	100	120	2.00	39.00	15.67	16.58
6	Grass	MUAR	100	120	0.00	52.00	19.33	23.23
6	Grass	MUAR2	100	120	0.00	24.00	8.67	10.87
6	Grass	PAHA	100	120	0.00	30.00	10.67	13.70
6	Grass	SPCR	100	120	0.00	10.00	3.33	4.71
9	Grass	SPNE	0	0	0.00	39.00	13.67	17.93
12	Forb	AAFF	20	100	0.00	19.00	8.00	8.28
13	Forb	HAHE	20	60	0.00	28.00	9.33	13.20
13	Forb	PPFF	20	60	3.00	4.00	3.50	0.50
20	Shrub	OPUNT	0	20	0.00	1.00	0.50	0.50
21	Shrub	GUSA2	0	0	15.00	47.00	25.67	15.08

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV



Production Lbs/Acre Trends

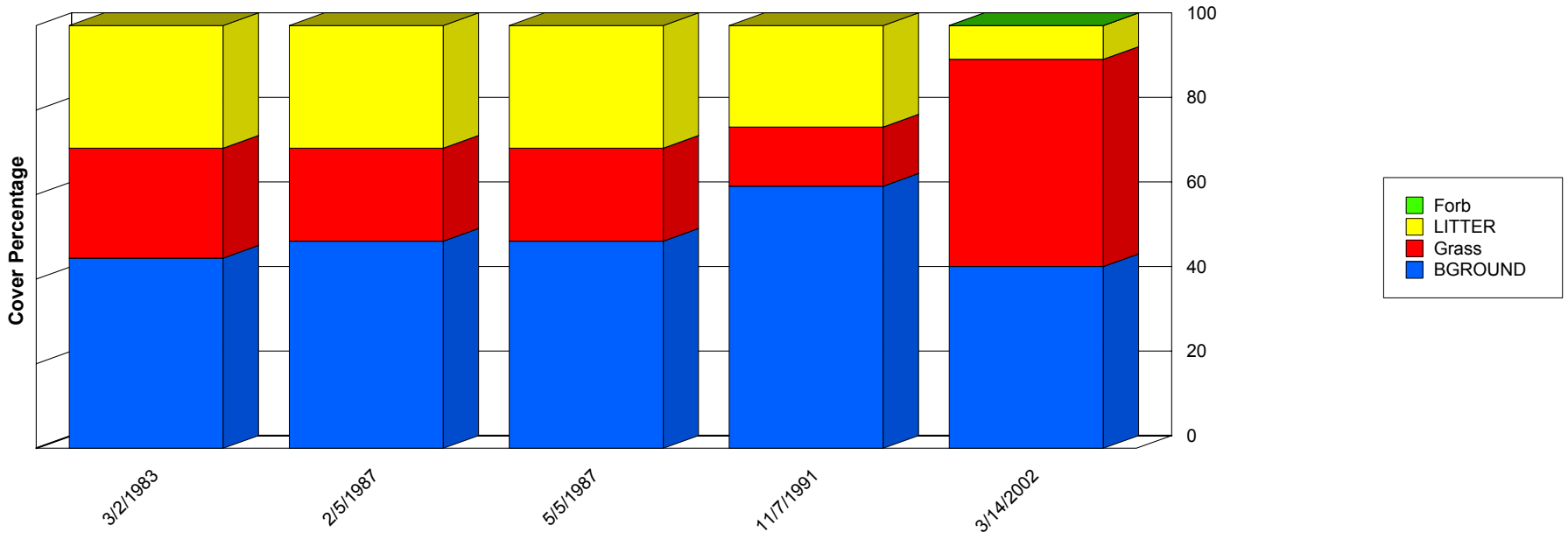


	3/2/1983	2/5/1987	11/7/1991	3/14/2002
Forb	**0.00**	**41.00**	**32.00**	**11.00**
Grass	**263.00**	**509.00**	**917.00**	**163.00**
Shrub	**16.00**	**47.00**	**0.00**	**16.00**
Total	**279.00**	**597.00**	**949.00**	**190.00**

Report Parameters

SITE NAME LIKE	64057-#1-F052
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Ground Cover Trends



	3/2/1983	2/5/1987	5/5/1987	11/7/1991	3/14/2002
BGROUND	45.00	49.00	49.00	62.00	43.00
Forb	0.00	0.00	0.00	0.00	0.00
Grass	26.00	22.00	22.00	14.00	49.00
LITTER	29.00	29.00	29.00	24.00	8.00
Total	100.00	100.00	100.00	100.00	100.00

Report Parameters

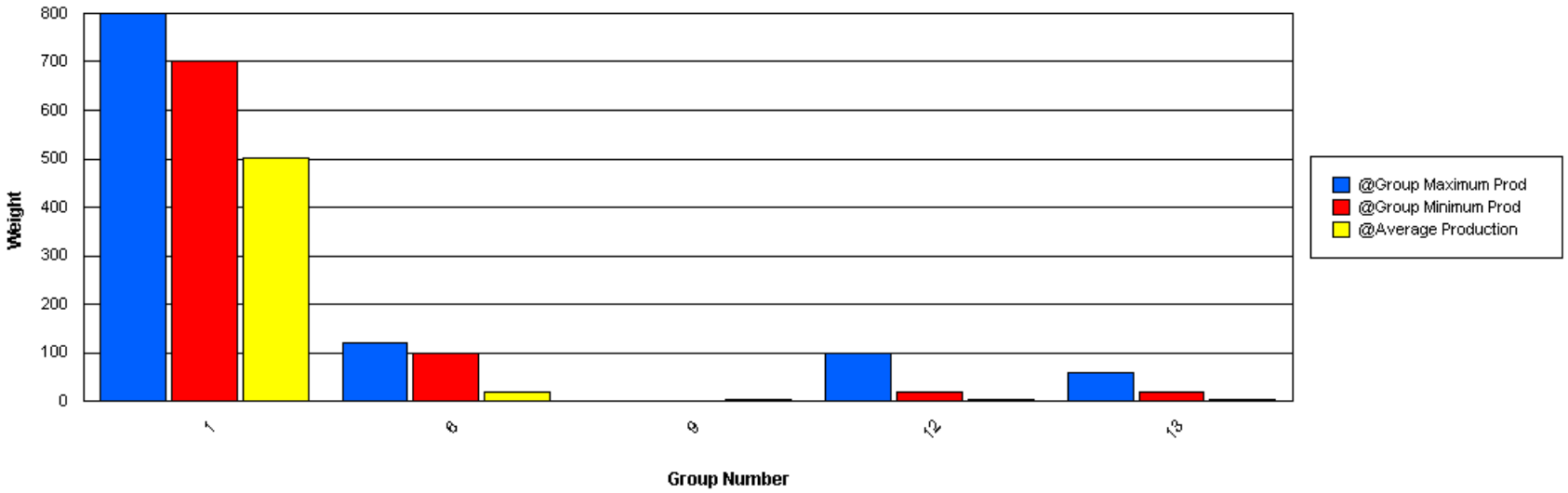
SITE NAME LIKE	64057-#2-F053
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Functional / Structural Groups

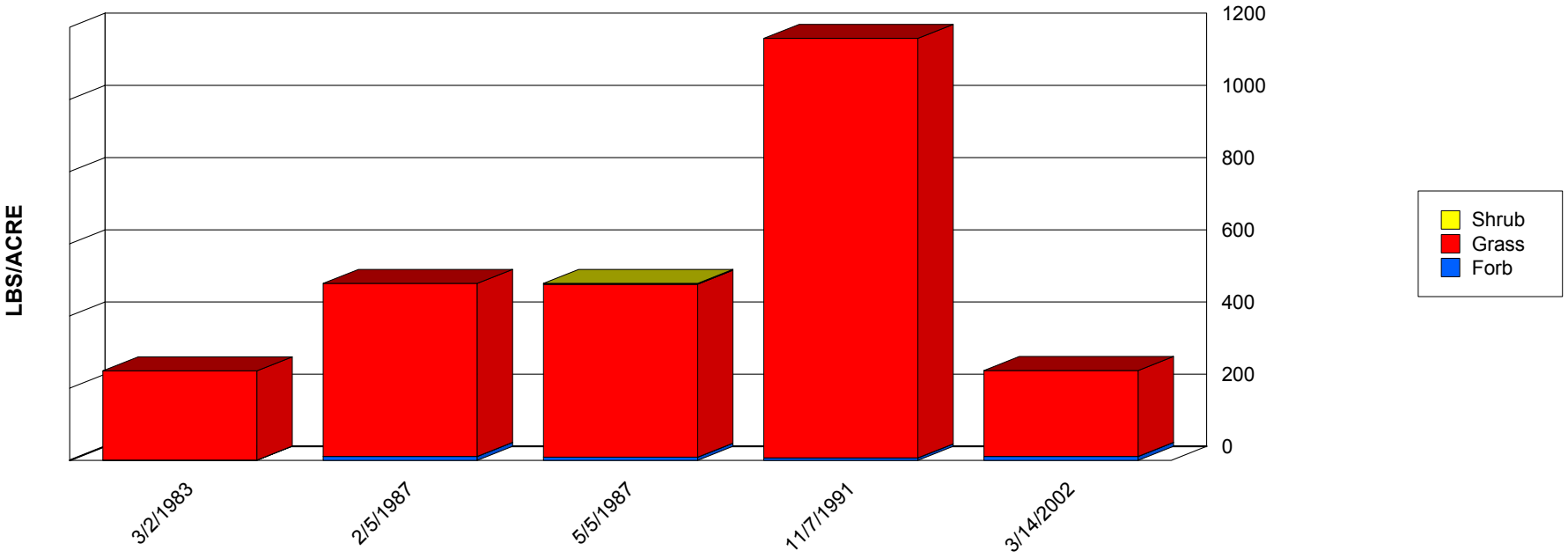
Report Parameters	
SITE NAME LIKE	64057-#2-F053
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002
MIN LBS TO GRAPH	3
SELECTED ECOSITE	042CY033NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
1	Grass	SPAI	700	800	204.00	1,120.00	500.80	328.79
6	Grass	BOBR	100	120	10.00	22.00	16.00	6.00
6	Grass	SIHY	100	120	0.00	5.00	2.50	2.50
9	Grass	SPNE	0	0	0.00	10.00	5.00	3.16
12	Forb	AAFF	20	100	0.00	9.00	4.20	3.97
13	Forb	COCA2	20	60	0.00	2.00	0.50	0.87
13	Forb	PPFF	20	60	3.00	5.00	4.00	1.00

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV



Production Lbs/Acre Trends

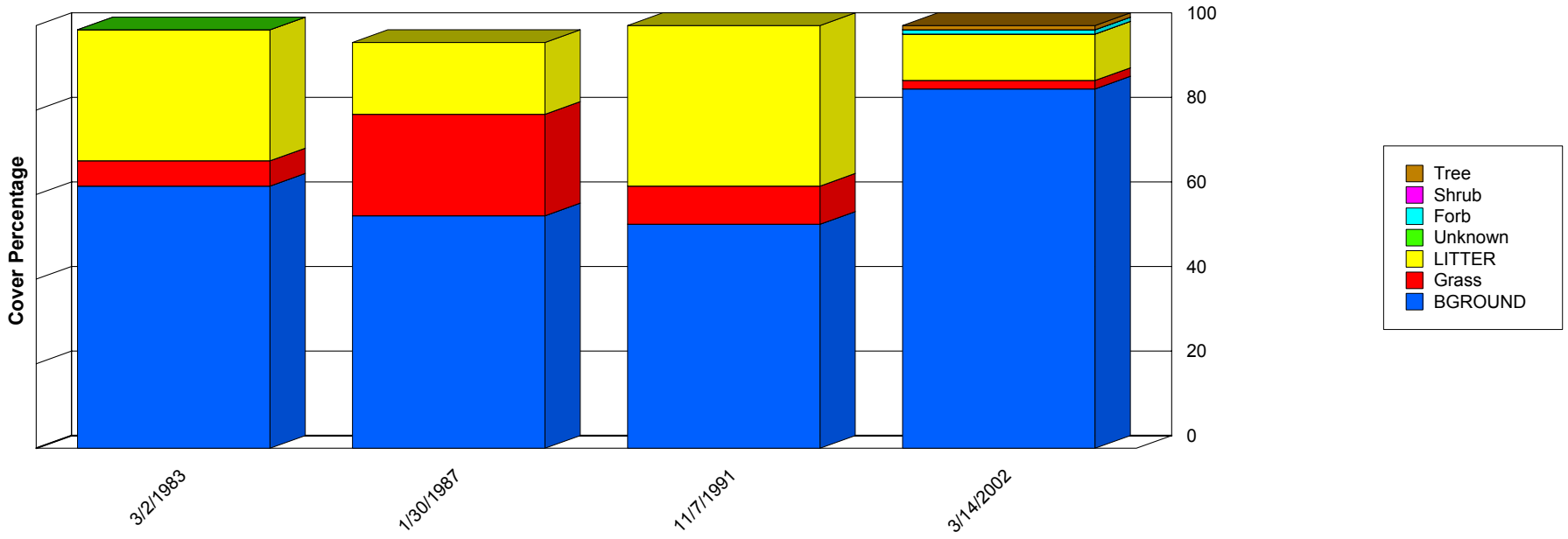


	3/2/1983	2/5/1987	5/5/1987	11/7/1991	3/14/2002
Forb	**1.00**	**11.00**	**9.00**	**7.00**	**11.00**
Grass	**247.00**	**479.00**	**479.00**	**1,162.00**	**238.00**
Shrub	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**
Total	**248.00**	**490.00**	**490.00**	**1,169.00**	**249.00**

Report Parameters

SITE NAME LIKE	64057-#2-F053
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Ground Cover Trends



	3/2/1983	1/30/1987	11/7/1991	3/14/2002
BGROUND	62.00	55.00	53.00	85.00
Forb	0.00	0.00	0.00	1.00
Grass	6.00	24.00	9.00	2.00
LITTER	31.00	17.00	38.00	11.00
Shrub	0.00	0.00	0.00	0.00
Tree	0.00	0.00	0.00	1.00
Unknown	0.00	0.00	0.00	0.00
Total	99.00	96.00	100.00	100.00

Report Parameters

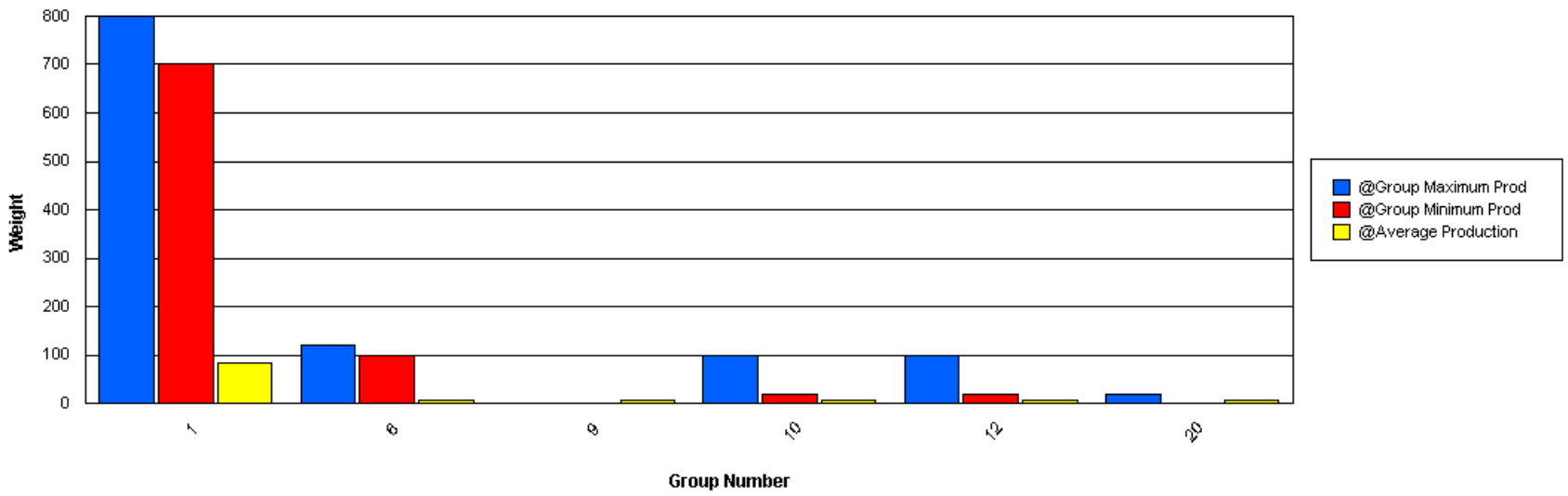
SITE NAME LIKE	64057-#3-F050
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Functional / Structural Groups

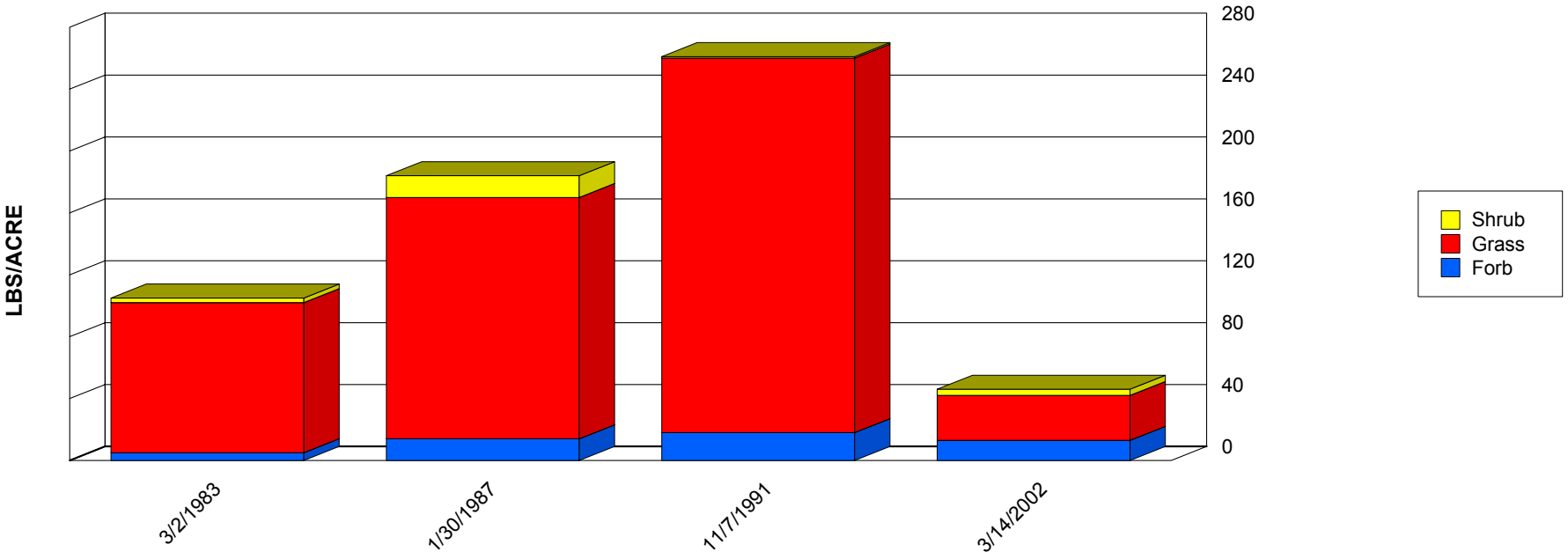
Report Parameters	
SITE NAME LIKE	64057-#3-F050
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002
MIN LBS TO GRAPH	3
SELECTED ECOSITE	042CY033NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
1	Grass	SPAI	700	800	19.00	118.00	83.75	38.28
6	Grass	ARIST	100	120	0.00	18.00	6.00	7.07
6	Grass	BOBR	100	120	0.00	2.00	0.67	0.94
6	Grass	STNE2	100	120	0.00	2.00	0.67	0.94
9	Grass	ERPU8	0	0	0.00	16.00	6.75	6.30
10	Forb	SAKA	20	100	4.00	10.00	6.33	2.62
12	Forb	AAFF	20	100	0.00	17.00	6.75	6.87
13	Forb	PPFF	20	60	1.00	3.00	2.00	1.00
20	Shrub	CHRYS9	0	20	0.00	3.00	1.50	1.50
20	Shrub	PPSS	0	20	0.00	13.00	4.33	6.13
21	Shrub	GUSA2	0	0	0.00	4.00	1.50	1.50

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV



Production Lbs/Acre Trends

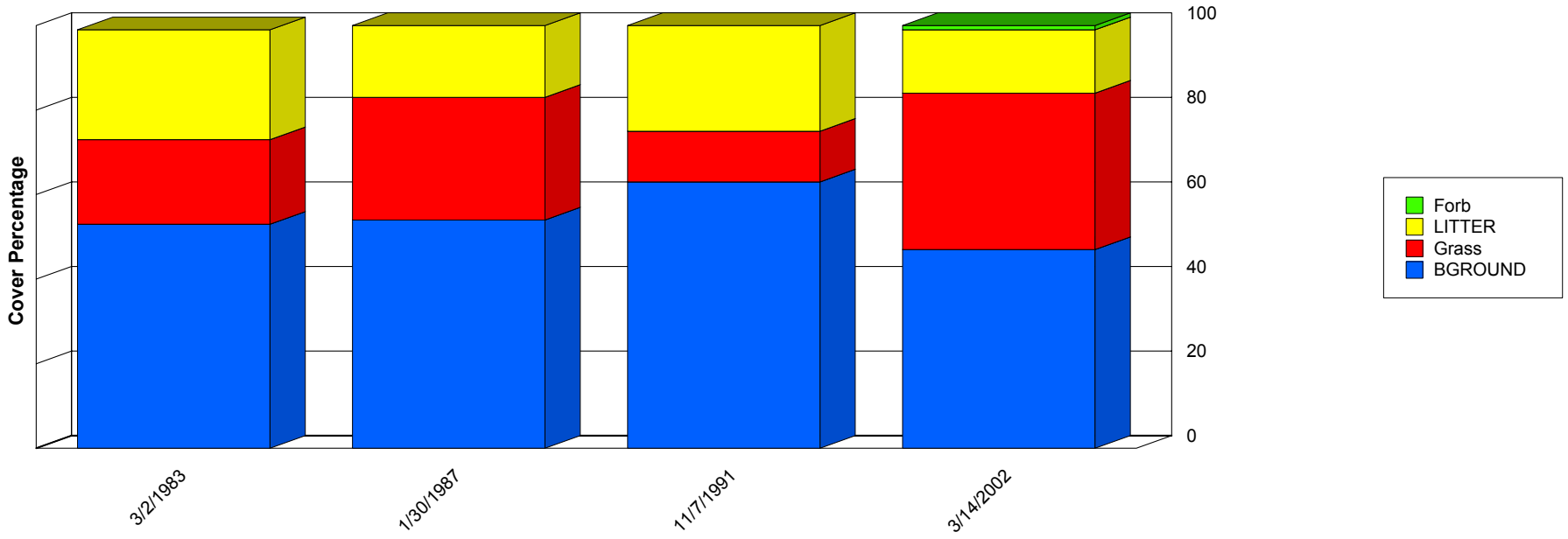


	3/2/1983	1/30/1987	11/7/1991	3/14/2002
Forb	**5.00**	**14.00**	**18.00**	**13.00**
Grass	**97.00**	**156.00**	**242.00**	**29.00**
Shrub	**3.00**	**14.00**	**1.00**	**4.00**
Total	**105.00**	**184.00**	**261.00**	**46.00**

Report Parameters

SITE NAME LIKE	64057-#3-F050
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Ground Cover Trends



	3/2/1983	1/30/1987	11/7/1991	3/14/2002
BGROUND	53.00	54.00	63.00	47.00
Forb	0.00	0.00	0.00	1.00
Grass	20.00	29.00	12.00	37.00
LITTER	26.00	17.00	25.00	15.00
Total	99.00	100.00	100.00	100.00

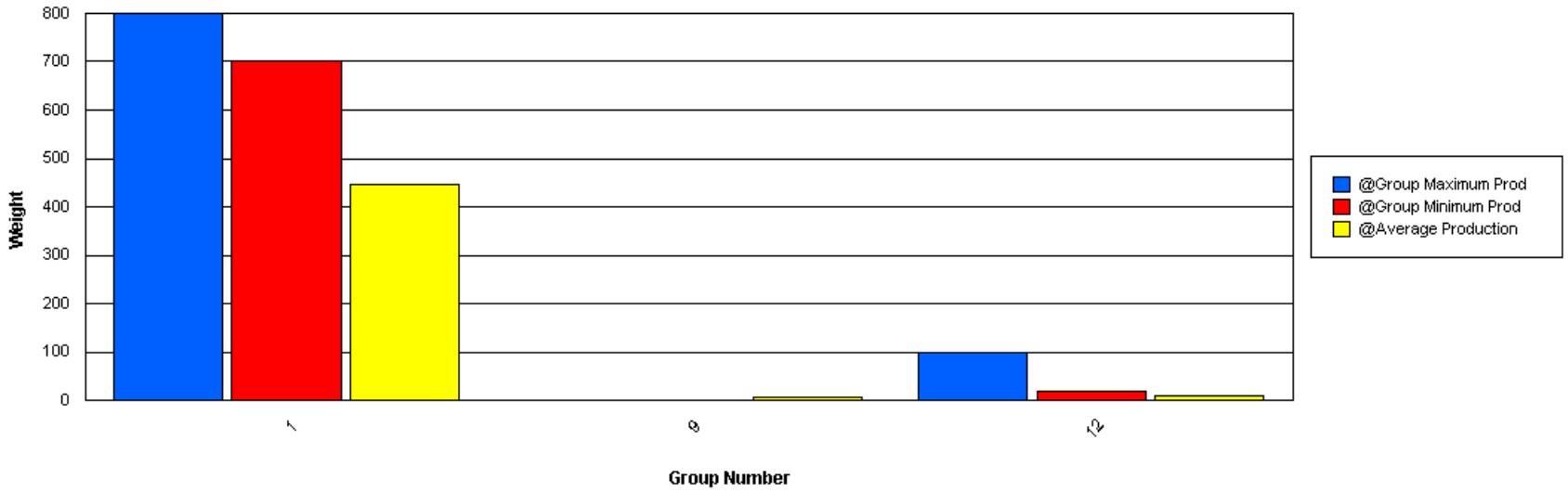
Report Parameters

SITE NAME LIKE	64057-#5-F051
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

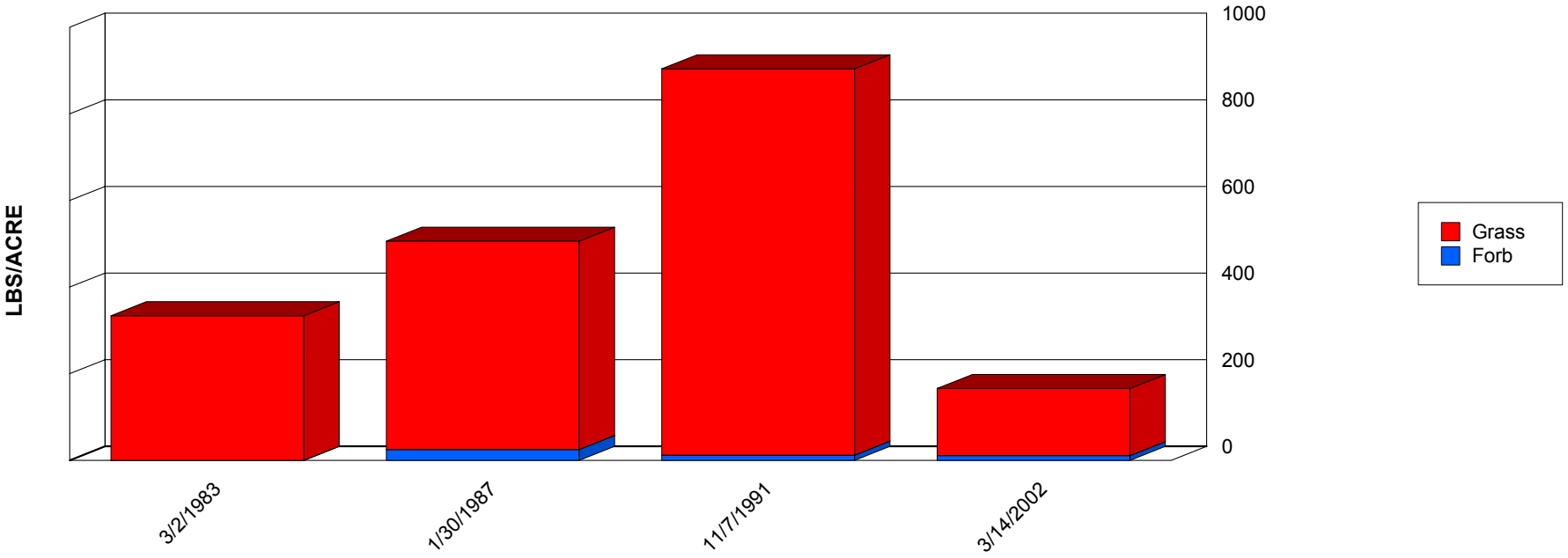
Functional / Structural Groups

Report Parameters	
SITE NAME LIKE	64057-#5-F051
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002
MIN LBS TO GRAPH	3
SELECTED ECOSITE	042CY033NM

Group	Plant Type	Species	Low Wt Allowed	High Wt Allowed	Minimum	Maximum	Average	STDEV
1	Grass	SPAI	700	800	130.00	850.00	446.50	262.95
9	Grass	SPNE	0	0	0.00	24.00	8.25	9.60
12	Forb	AAFF	20	100	0.00	25.00	8.50	10.21



Production Lbs/Acre Trends



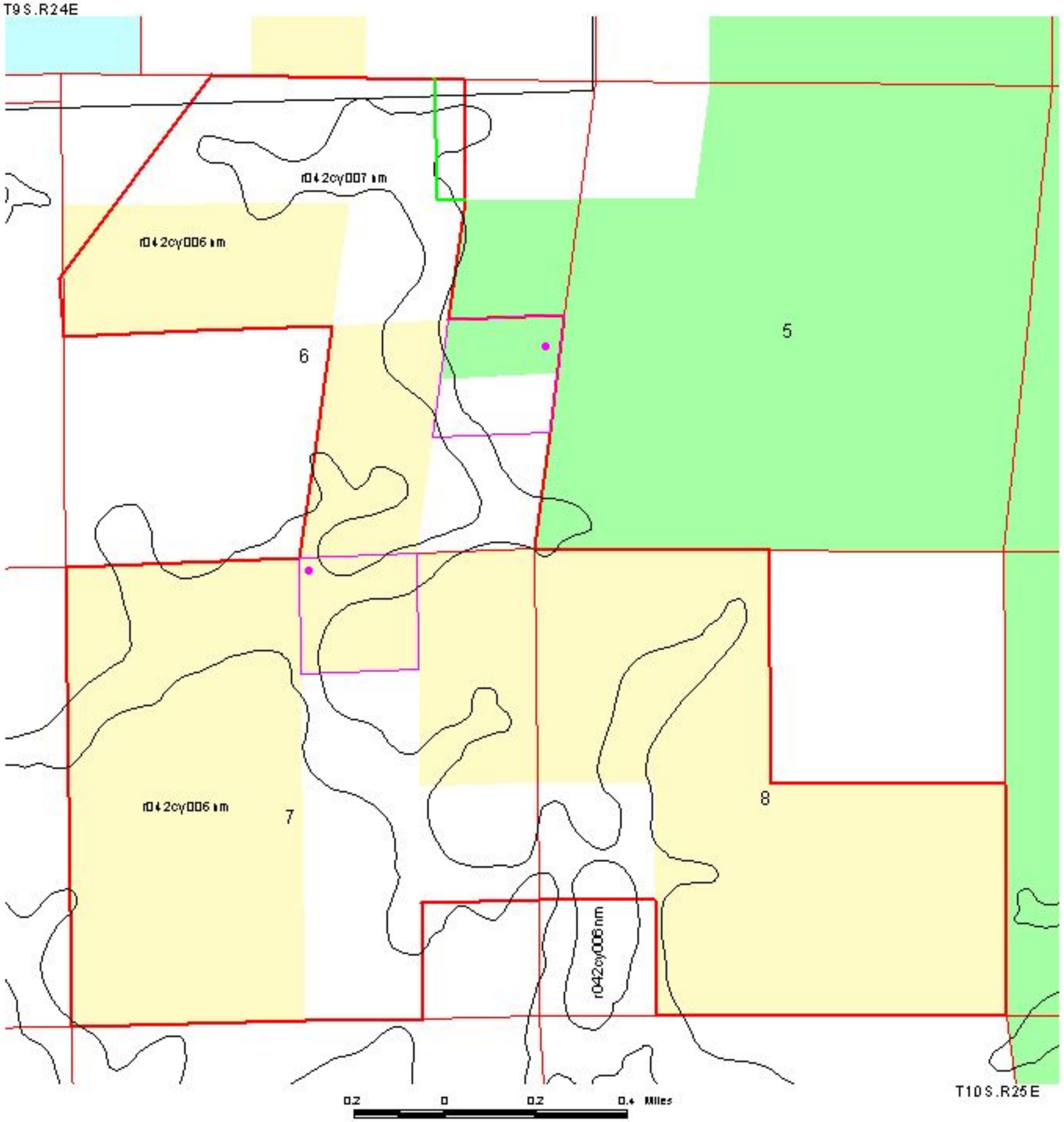
	3/2/1983	1/30/1987	11/7/1991	3/14/2002
Forb	**0.00**	**25.00**	**12.00**	**11.00**
Grass	**334.00**	**481.00**	**892.00**	**155.00**
Total	**334.00**	**506.00**	**904.00**	**166.00**

Report Parameters

SITE NAME LIKE	64057-#5-F051
ON/AFTER	10/01/1982
ON/BEFORE	09/30/2002

Rangeland Health Assessment
Ecological Sites

Allotment 64057



Public

State

Study Locations

Private

Study Plots

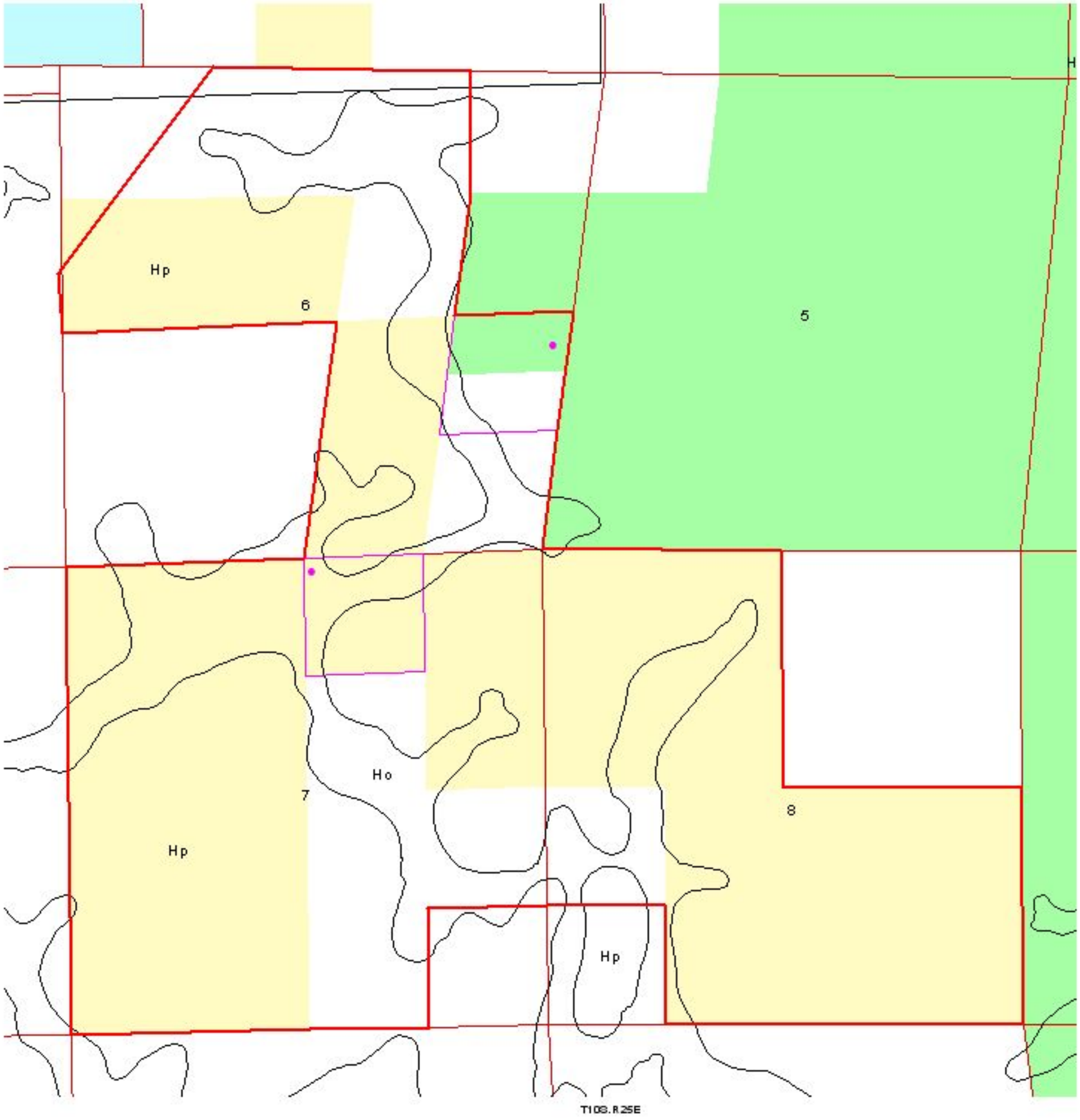
Pasture Boundary

Ecological Sites

Allotment Boundary

Produced by the Roswell Field Office
GIS Intern on July 3, 2003.

Rangeland Health Assessment
Soil Mapping Units
Allotment - 64057



0.2 0 0.2 0.4 Miles

Study Plots
40 Acres

Study Locations

Allotment Boundary

Soil Mapping Units

State Private Public FWS

Produced by the Roswell Field Office
GIS Specialist on June 30, 2003.

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